

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-12. (Canceled)

13. (Currently Amended) The 3D road object creating device according to claim 27, further comprising a texture extracting unit that extracts texture information including information on a texture drawn on an arbitrary surface of the 3D [[road]] object representing the road, information on a drawing cycle of the texture, and information on a representative color of the arbitrary surface, from the 3D [[road]] object representing the road, wherein the creating unit creates the 3D [[road]] object representing the road object based on the texture information.

14-18. (Canceled)

19. (Currently Amended) The 3D road object creating method according to claim 31, further comprising the map information creating device extracting texture information including information on a texture drawn on an arbitrary surface of the 3D [[road]] object representing the road, information on a drawing cycle of the texture, and information on a representative color of the arbitrary surface, from the 3D [[road]] object representing the road, wherein the creating includes creating the 3D [[road]] object representing the road based on the texture information.

20-24. (Canceled)

25. (Currently Amended) The computer-readable recording medium according to claim 35, wherein the 3D road object creating program further makes the computer execute extracting texture information including information on a texture drawn on an arbitrary

surface of the 3D ~~[[road]]~~ object representing the road, information on a drawing cycle of the texture, and information on a representative color of the arbitrary surface, from the 3D ~~[[road]]~~ object representing the road, and

the creating includes creating the 3D ~~[[road]]~~ object representing the road based on the texture information.

26. (Canceled)

27. (Currently Amended) A three-dimensional (3D) road object creating device, comprising:

a cross-section data extracting unit that extracts cross-section data that includes at least width and height of a ~~3D road object~~ 3D object representing a road to be drawn;

a length information extracting unit that extracts, from a road network database that stores information on length of the ~~3D road object~~ 3D object representing the road, link-length information necessary for drawing the ~~3D road object~~ 3D object representing the road; and

a creating unit that creates, based on the cross-section data and the link-length information, the ~~3D road object~~ 3D object representing the road having a size obtained by extending the cross-section data in a longitudinal direction of the ~~3D road object~~ 3D object representing the road by a length specified by the link-length information.

28. (Currently Amended) The 3D road object creating device according to claim 27, wherein the ~~3D road object~~ 3D object representing the road corresponds to at least a part of road data stored in the road network database.

29. (Currently Amended) The 3D road object creating device according to claim 28, further comprising a selecting unit that selects, based on identification information included in the road data, cross-section data necessary for drawing the ~~3D road object~~ 3D object representing the road from among various types of cross-section data for different cross-sections.

30. (Currently Amended) The 3D road object creating device according to claim 27, wherein

the link-length information is link-length information included in the road network database for drawing the ~~3D road object~~ 3D object representing the road, and

the creating unit creates the ~~3D road object~~ 3D object representing the road by extending the cross-section data by a length specified by the link-length information.

31. (Currently Amended) A three-dimensional (3D) road object creating method, comprising:

extracting cross-section data that includes at least width and height of a ~~3D road object~~ 3D object representing a road to be drawn;

extracting, from a road network database that stores information on length of the ~~3D road object~~ 3D object representing the road, link-length information necessary for drawing the ~~3D road object~~ 3D object representing the road; and

creating, by a processor, based on the cross-section data and the link-length information, the ~~3D road object~~ 3D object representing the road having a size obtained by extending the cross-section data in a longitudinal direction of the ~~3D road object~~ 3D object representing the road by a length specified by ~~the~~ link-length information.

32. (Currently Amended) The 3D road object creating method according to claim 31, wherein the ~~3D road object~~ 3D object representing the road corresponds to at least a part of road data stored in the road network database.

33. (Currently Amended) The 3D road object creating method according to claim 32, further comprising selecting, based on identification information included in the road data, cross-section data necessary for drawing the ~~3D road object~~ 3D object representing the road from among various types of cross-section data for different cross-sections.

34. (Currently Amended) The 3D road object creating method according to claim 31, wherein

the length information is link-length information included in the road network database for drawing the ~~3D-road-object~~ 3D object representing the road, and

the ~~3D-road-object~~ 3D object representing the road is created by extending the cross-section data by a length specified by the link-length information.

35. (Currently Amended) A computer-readable recording medium that stores therein a three-dimensional (3D) road object creating program making a computer execute:

extracting cross-section data that includes at least width and height of a ~~3D-road-object~~ 3D object representing a road to be drawn;

extracting, from a road network database that stores information on length of the ~~3D-road-object~~ 3D object representing the road, link-length information necessary for drawing the ~~3D-road-object~~ 3D object representing the road; and

creating, based on the cross-section data and the link-length information, the ~~3D-road-object~~ 3D object representing the road having a size obtained by extending the cross-section data in a longitudinal direction of the ~~3D-road-object~~ 3D object representing the road by a length specified by the link-length information.

36. (Currently Amended) The computer-readable recording medium according to claim 35, wherein the ~~3D-road-object~~ 3D object representing the road corresponds to at least a part of road data stored in the road network database.

37. (Currently Amended) The computer-readable recording medium according to claim 36, further making a computer execute: selecting, based on identification information included in the road data, cross-section data necessary for drawing the ~~3D-road-object~~ 3D object representing the road from among various types of cross-section data for different cross-sections.

38. (Currently amended) The computer-readable recording medium according to claim 35, wherein

the length information is link-length information included in the road network database for drawing the ~~3D-road-object~~ 3D object representing the road, and

the ~~3D road object~~ 3D object representing the road is created by extending the cross-section data by a length specified by the link-length information.